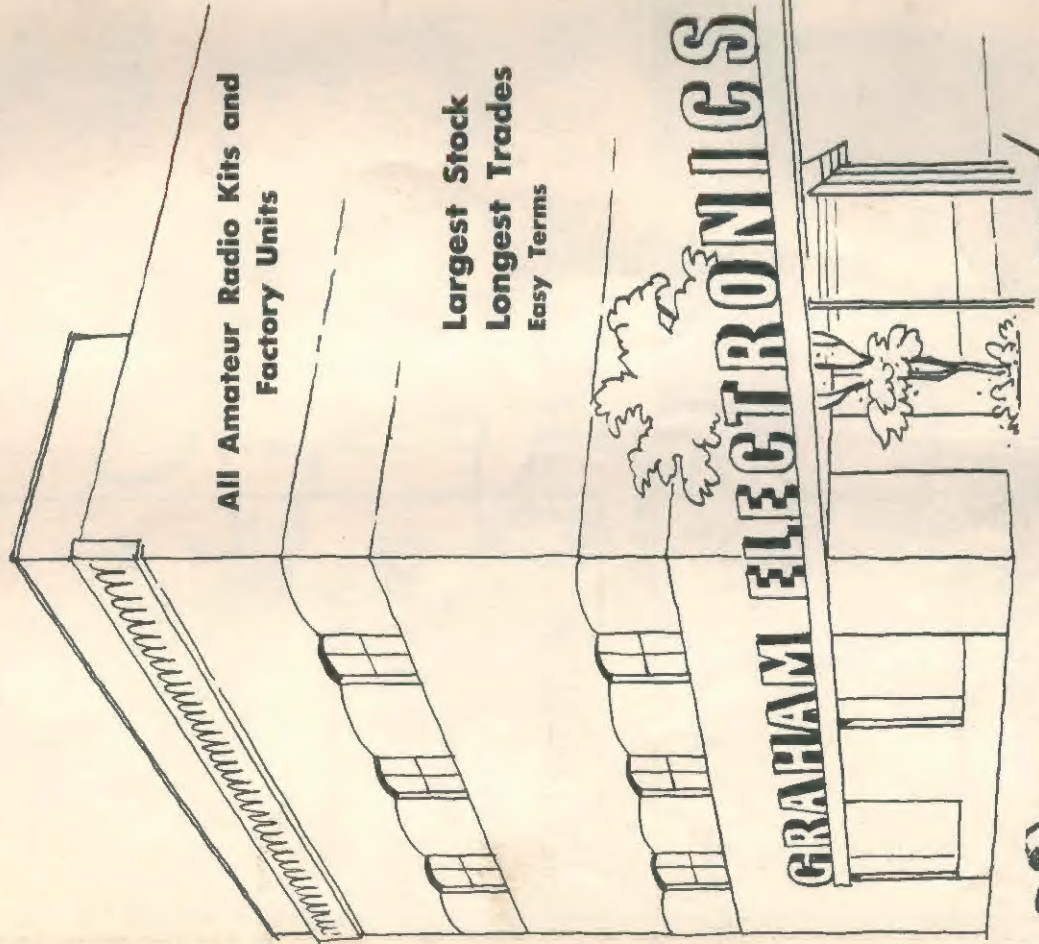


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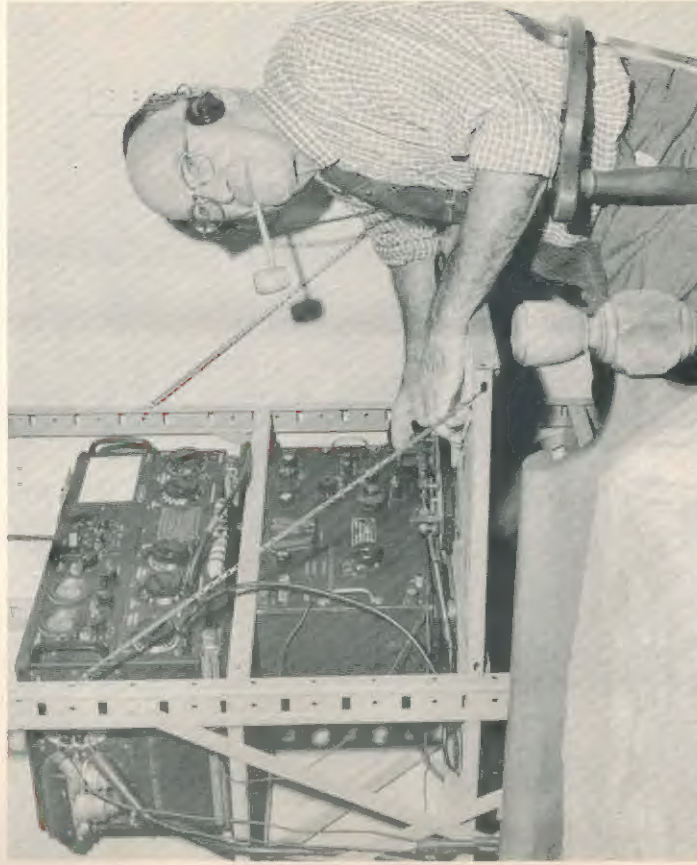
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# MaChewer

NOVEMBER 1959

PUBLISHED BY  
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FOUNDED 1916



INDIANAPOLIS RADIO CLUB, INC.  
2223 E. 74th Street  
Indianapolis 20, Indiana

To:

Robert Caskey W9DNQ  
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\*\*\*\*\*

Ama-Chewer is published monthly by and for I.R.C. and all Amateurs in this area. Non-Members of I.R.C. may subscribe at the rate of \$1.00 per year.

Publication is on the 3rd Friday of each month, with all news items and ads due no later than the 1st Friday of each month.

Ham-Ads (5 line limit) are free to members and subscribers. Others may use this facility at the rate of 50cents per ad.

Ama-Chewer welcomes the forwarding of information on coming events of other clubs in the area for publication in the program section.

\*\*\*\*\*

## PROGRAM SCHEDULE

November 14th  
thru 22nd

Hobby Show -- State Fair Grounds

November 27th Mr. Norm Reddick of the Linde Co. will present a program on the proper use of a scope and will demonstrate its proper application in testing transmitters, receiver's etc.

December 11th Regular Business Meeting and the election of Officers for 1960.

December 18th CHRISTMAS PARTY

January 8th Installation of Officers

\*\*\*\*\*

## PROGRAM REVIEW

Operating practices that are followed way, way, up in the spectrum was the theme of a talk and demonstration by Mr. W. R. Williams, W9ZEB, of the Indiana Bell Telephone Co. Engineering Staff.

Some of us broke out in a cold sweat as we heard the problems that are encountered in the regions from 10,000 to 30,000 mc. We found that locating a site for a relay point is more than just picking the highest hill, and that engineers in this field get grey early. (No reflection on the young gent who was our speaker Ed.)

Our old friend propagation found his way into the talk & at these frequencies he is bigger and meaner. We also found that attenuation problems are so acute that heavy rain showers are a problem that must be allowed for in design.

The Micro-Wave frequencies allocated to Amateur use and the types of emission that are permitted was also discussed. We were also informed that more than one group of industries would find it just great if they could have the upper frequencies and that more than a small amount of pressure is constantly being applied in an attempt to get them.

Mr. Williams concluded with a demonstration of Micro-Wave transmission and amused us all by bending and shaping the signals between the transmitter and receiver.

After the meeting a lot of questions came up, and Mr. Williams promised to return some meeting nite and answer any more questions for those ready to probe the 30,000mc. range.

## OUR COVER

W9CYQ whose picture is on our cover this month is a real pioneer in amateur radio. D. J. Angus first hit the air in 1907 while engineering transmitting equipment for ship to shore radios on the Great Lakes. Many contacts of an amateur nature were made in those days before licensing became a part of the art. In the early days D.J. used the Railroad Morse and later switched over to International Morse when it was adopted as the standard. His first rig was a pair of 202's in a homebrew rig running 100 watts, and a homebrew receiver.

In 1927, he served as president of the IRC and in 1928-29 as SCM for Indiana. In 1930-32 he was director for the Central Division ARRL. During the 1925 and 1940 ARRL conventions in Indianapolis, he was responsible for a large part of the success that was attained.

When World War II started, D. J. as a Lt. Cmdr. in the Naval Reserve was ready for sea duty, when the Navy decided to assign him, as a navigation expert, to train Navy officers. He also served during the war in Washington as Chairman of the WPB instrument section which had the responsibility of procuring needed instruments for planes, tanks, and ships.

D. J. holds a Ships Masters License which means he is qualified to command ocean going vessels. He operates his own 65 foot boat, the "ANGUS", on Lake Michigan on which many local hams have enjoyed cruises.

D. J. is president of the Esterline-Angus Co. which is a leader in the recording instrument field. He is a 37 year member of the IRC and a Fellow of the American Institute of Electrical Engineers, and is the holder of over 49 patents on various electrical devices.

For 44 years W9CYQ was heard from the top floor of the YMCA, but during last year he moved up on North Delaware, where he can be heard on 40 c.w. and occasionally on fone.

Our cover is honored by a man of varied accomplishments, many friends, and our most senior club member. D. J. Angus, W9CYQ.

\*\*\*\*\*

## NOTICE TO ALL IRC MEMBERS

Listed below you will find a listing of IRC members who are eligible for nomination as officers in the coming election. If any errors or omissions are noted please notify the club Treasurer, Pat Husk, K9EUQ:

|                         |                           |
|-------------------------|---------------------------|
| D. J. Angus, W9CYQ      | Ralph Mays, N/C           |
| Robert Annis, W9CUD     | Glenn Montgomery, W9HUD   |
| William Bancroft, W9EDE | Elmer McDowell, K9LVQ     |
| Leslie Bannon, W9ZTD    | John W. McMahan, K9KVZ    |
| M. C. Bartlett, W9MC    | Doyal McVicker, W9JZV     |
| Paul Beckerich, W9SUN   | Bob Osterhous, W9PSE      |
| Fred E. Billman, K9KKF  | Henry Peterson, W9ZRK     |
| Rosalie Billman, K9KKG  | Alvey Pittman, W9JJC      |
| Frank Black, W9MNA      | Merrill Price, W9BZB      |
| Gerold Bramblett, W9POF | Paul Ralston, K9ALJ       |
| W. H. Branche, K9CLO    | Claude Richie, W9TKV      |
| Bert Brouse, K9JSF      | Frances Rufner, W9OSH     |
| Joseph Bucek, W9ZSA     | Mark Rufner, W9OSG        |
| Ralph Bundy, W9MEK      | Ronald O. Rush, W9TGH     |
| Robert Caskey, W9DNQ    | Edwin Schaad,             |
| Joe Chasey, W9EIV       | Charles Seabee, K9GEE     |
| Ernest Dell, K9OLT      | Elmer Shively, K9LNR      |
| Arthur Evans, W9TQC     | Cliff Singer, W9SWD       |
| Frank Fitch, W9EJW      | Doris Singer, K9IXD       |
| Clair Gould, W9AAQ      | James Sugioka, W9CKB      |
| A. Bill Hickok, K9AOM   | John Sukup, W9UJY         |
| Jack Hofeld, W9VVX      | James G. Thomas, N/C      |
| Pat Husk, K9EUQ         | Gene Van Sickle, W9KJF    |
| F. E. Kamplain, W9SWR   | Perry Wefler, W9GAR       |
| Wade Kingery, W9JGZ     | Jack Wells, W9EJP         |
| A. W. Larson, W9SRT     | Ronald C. Williams, W9JVF |
| Gerald Lucas, W9APJ     | Julian Witham, W9STC      |
| Ben Marcel, K9IUH       | Comer Wolf, W9FLD         |

The following members are eligible to vote but NOT hold office:

|                          |                          |
|--------------------------|--------------------------|
| James Coffey, Kn9SJF     | John W. Merck, K3GIG/9   |
| Robert Derbyshire, K9LJW | Larry Pittman, K9RZF     |
| Max W. Galloway, K90XA   | William Sinclair, Kn9QXR |
| Joseph Lobraico, K900A   |                          |

\*\*\*\*\*

Tom Jones, W9BVR recently purchased as Hammarlund  
HQ 110C Receiver.

\*\*\*\*\*

## THE PRESIDENT'S FREQUENCY

Here it is autumn time again and we find ourselves thinking about seeing all the kin folks gathered around the family table upon which Mr. Turkey rules supreme.

Our thoughts also skip ahead to the prospect of some fine rabbit hunting, to wondering what Santa will leave in our sock, and how many gallons of oil will the furnace use this year. There is also that odor of roasting hotdaws in the fireplace and that fresh Indiana popcorn in the great big bowls. Pleasant thoughts to fill our minds during these fine evenings, and no doubt we will find time to give a thought to that guy in California who went to so much trouble to work that patch through to Aunt Mable, or to the W1 who sent us the highway information for our vacation in the East. Just fleeting thoughts of good things, Amateur Radio and the guys and gals that make it tick. Happy Thanksgiving to all you QM's, XYL's and YL's.

\*\*\*\*\*

## IRCC PROPOSES 1960 CENTRAL DIVISION CONVENTION

At the fall meeting of the Indiana Radio Club Council it was voted to hold a convention for the Central Division sometime in the late summer of 1960 at Indianapolis. It was left to the newly elected Chairman, John Lamey, W9BDG, of South Bend, to start the ball rolling. This will offer a real opportunity and challenge to the clubs in Indianapolis and the 600 plus hams in the area, to put on a big show. Publicity--Programs--Prizes, the three "p's", are the foundation, and there are capable men in Indianapolis who can bring such a convention to a successful conclusion. So when the time comes, don't stand back and let Joe do it, get in the swim yourself.

The last Central Division Convention was in 1951 at French Lick, Ind. and was a real dinger, so lets put Indianapolis on the map in 1960.

\*\*\*\*\*

## LAST CHANCE

Don't forget to get out to the HOBBY SHOW at the Fairgrounds. The booth of the IRC is a dandy and the whole show is enjoyable for you, Mom and the kids.

\*\*\*\*\*

## APOLOGY

Our sincere apologies to Frank Fitch, W9EJW and Jim Larsen, K9HMO who were omitted from the "Hams in Buss" Section last month. Frank is in the photography business

Anybody for 2?? Al Wessel, W9HEX has a fine two meter set-up, including a 16 element array, and is looking for some Tech's up there. Al also has a new 40 and 15 meter antenna. (When did he find time to cut the grass? Ed.)

Did Jim, K9SJSF ever finish that 800 watt final, or is all that signal coming from his 75 foot antenna?

The Indiana Fone Net meets at a new time, 18:30 EST and at 09:00 EST.

A DX-40 and a long wire was enough equipment for Roger, K9UHH to work a DL-4 on 80 meters CW.

600 watts are being assembled into a new SSB final at the work bench of Jim, K9HMN.

The three delegates from IRC to the IRCC meeting at South Bend wrapped themselves around a home cooked chicken dinner at the QTH of Tom Jacks, W9QAX. With things like that it will be much easier to find delegates in the future. P. S. The cooks name is Jane, alias Mrs. Jacks, alais the XYL.

The SX28 that has been idle in the W9JP storeroom has been put to work by Hank, K9LZJ, and we understand it still does itself proud.

Can anyone furnish complete information on the commercial broadcasting station operated by the IRC way back in the "good old days??????"

The IRC received a radiogram from WIAW thanking us for the receipt of their Marion County Century Club Cert.

John Doyle, W9GPI (ARRL Central Div.) has the following advice for all hams. If you have antenna problems which involve your neighbor and the law, be cautious and don't ask for trouble by ignoring the problem, get a lawyer and have him get in touch with the ARRL legal staff.

MCCC stickers issued during the month went to Ken Younger K9JWY, 50 contacts, and Don, K8EKQ down in Cinn. also picked up his 50 contact sticker.

Did you see that California mobile going through Indpls. on Washington St. with three stacked halo's and a 40 m. whip that mounted on top of the station wagons roof? (Did anyone work him? Ed.)

Due to lack of space this month we regret that we will have to delay the listing of gear that can be found at the QTH of K9JSF, as promised in last months Splatter.

W9STA, Bob Wallace, has returned from overseas and is on the air with a Gonset II and dipole.

A tip of the lid to the guys who have moved up into the wide open spaces of 53mc. The Hy-Banders are holding forth up around 53.8 and if you can crank your corn-popper up that high they would be glad to have you join in on the QRM free QSO's.

K9SKR, Jan, who has been off the air for over a month is soon to be back looking for the DX with a new Eico xmtr. and a Knight VFO.

K9PDE, Marty, has been having a ball on 15 m. In two weeks she worked T12, CN8, CT1, ON4, GW3, VO2, E19, CO2, EL4, OZ7, OQ5 and EA1. Just for the record the rig is a Ranger to a 3 element Hy Gain and a 75A3 receiver.

There are several new members in the Tech High Radio Club, W9HFQ where Garry, W9POF holds sway as the trustee. Three of the members already have tickets and the rest of the gang is giving Ohms Law a real try and getting nearer the big day. The rig is a converted DX100 and a NC300.

Did you see the spread of the Rufner gang in the Sunday paper???

We took a peek into our Publishers briefcase and had a preview of the new Marion County VHF Certificate that will soon be available. Details will appear in the next issue providing the ink on the new wall-paper dries by then.

Did you see where the Army is using a spot in the 2m. amateur band during some test operations on the east coast? Just another sign on the horizon!!!!!!

\* \* \* \* \*

#### NOMINATING COMMITTEE REPORT 1960

The following slate of members was nominated by the nominating committee appointed by the Board of Directors pursuant to that portion of the constitution dealing with elections:

|                |               |       |
|----------------|---------------|-------|
| President      | Bert Brouse   | K9JSF |
| Vice-President | Bob Osterhous | W9PSE |
| Secretary      | Fred Billman  | K9KKF |
| Treasurer      | Pat Husk      | K9EUQ |
| Chief Operator | Ron Williams  | W9JVF |
| 1st Director   | Frank Black   | W9MNA |
| 2nd Director   | Ben Marcel    | K9IUH |

NOMINATING COMMITTEE

The following information is from a letter received from Ed Black, W9VBH, who is working with the U.S. Dept. of Commerce at the Long Branch Field Station, located at Kilbourne, Illinois.

This station is operated for Radio Propagation studies and much work is being done with various antennas and types of emission. At this time studies are being made of Meteors, Ionospheric Scatter, Frequency Dependence, Radio Astronomy and Meteorology.

At present the station has 18 transmitters ranging from a 3KW job designed and built at the National Bureau of Standards, thru a 5KW Gates, G.E. and Collins rigs at 10 and 20KW, another Collins at 40KW, an RCA at 50KW and (hold your breath) a Continental Electronics at 6 Megawatts.

Antennas range from a 30mc. Rhombic, 1660 feet long on 105 foot wooden poles, to a 107.8mc. Yagi. Most antennas are beamed to the main station at Boulder, Colo. but they do have a Rhombic and Yagi on 49.720mc. that is directed toward the East coast. These two antennas are now in use, the Rhombic from the hour to the half-hour and the Yagi from the half-hour to the hour on a 24 hour per day basis.

The station call, WWI, is sent automatically on each hour and half-hour, at which time the transmitters are off for two minutes for what is called "noise breaks", so that projects can determine how much interference, etc. is present.

Frequencies in use at the present time are 30.005, 30.010, 30.020, 49.640, 49.720, 49.880, 73.680 and 73.880mc. They would appreciate word if anyone hears any of these signals. Frequencies are crystal origin in the 1.0 meg. area and are calibrated to ten to the eighth.

This station is quite interesting to a ham and visitors are welcome. With the exception of the maintenance man and one Air Force S/Sgt. the entire staff are hams.

Ed. Black, W9VBH  
Ed. Well gang there is a chance to see a whole bunch of watts in one place. W9MNA, Frank, alias the "Fox" can furnish details on how to get to the station.

\*\*\*\*\*

Frank Carroll, W9QYQ, has a new Mosley TA 33 3 band beam.

\*\*\*\*\*

IRC IS YOUR CLUB--SUPPORT IT BY ATTENDING MEETINGS

\*\*\*\*\*

The IRCC meeting at Notre Dame, Oct. 18th, was attended by three IRC delegates, Alvey Pittman-W9JJC, Doyal McVicker-W9JZV and Bob Osterhous-W9PSE. Other local hams present were Doris & Cliff Singer, K9IXD & W9SWD, Bill Hickok-K9AOM, Wayne Damon, Sam Mouran-W9ICI and Bill Johnson-W9BUQ.

John Doyle, W9GPI, Central Division ARRL director, spoke on the Geneva Conference and said that in Group 3 pertaining to Amateur Communications, we are asking for 28,000 to 30,000 Kcs. or asking for an additional 500 kcs. on ten meters, otherwise all same as before on 80, 40, 20, 15.

Doyle also mentioned the severe power limit placed on European "hams" as an example French "hams" are limited to 50 watts and these will remain the same or possibly even become lower.

The 40 meter band is becoming more populated with European broadcast and foreign "hams" use this band on a sharing non-interference basis.

There was a discussion of Citizens Band radio and the possible black eye it might give "ham radio". He cautioned everyone to make specific difference between Citizens Band and Amateur Radio and that any articles appearing in local papers be specific when talking about Citizens Band and not Amateur Radio. QST is going so far as to ban ad's pertaining to Citizens Band radio gear, and particularly to units that are made so cheaply as to be possible trouble makers.

The IRCC meeting came to a close with the election of the following new officials:

|               |                 |       |
|---------------|-----------------|-------|
| CHAIRMAN      | John Lamey      | W9BDG |
| VICE CHAIRMAN | George Kasdorf  | W9FSA |
| SECRETARY     | Al Walters      |       |
| TREASURER     | Sam Saar        | W9PQQ |
| DIRECTORS     |                 |       |
|               | Adah Elliott    | W9RTH |
|               | Dale Wallace    | W9CDW |
|               | Jack Miller     | W9WTY |
|               | Wm Siebenmorgen | W9IHO |

In 1939 the club was meeting in the Insley Building at Olney and St. Clair St's. Two transmitters were in operation, one covering 20-40-80 CW and was a composite rig with RF unit built by Bill Lueth, W9DSC, Bob Caskey, W9DNQ constructing the power supply and Dick Meyer built the antenna tuning unit. The second unit covering 80 and 160 phone and CW was made by Fritz Manning, W9VPN. This unit feeding into a full wave antenna really would pull the 160 meter DX into Indianapolis.

The Club receiver was the then new RME-69. Around this time Hallicrafter was offering the Super Skyriider and Collins was advertising a Model 20C 1KW station.

QST was showing transmitters using Beam Power Tubes in the output stage, and 6L6 Crystal Exciters. Metal tubes were still fairly new and were being used in Audio Amplifiers and Speech Equipment. Taylor was showing their T-125 with a Carbon-Tantalum Anode while Elmac was offering their 100th. Heinz and Kaufman had their HK-154, and Hytron a HY51A. The RK-51 52 series was being pushed by Raytheon.

Bryan Goodman of ARRL Headquarters was showing the use of a converter ahead of the National SW3 receiver for use on 56 mc. National at the same time was writing off the SW3 as a receiver that had seen its day and acknowledging that the Superhet was here to stay for Amateur Communications.

Delco-Remy was offering a heavy duty generator for mobile use and hams were beginning to turn from portable rigs to mobile in a big way. About this time all the mags were full of articles on Radio Control of model airplanes.

Things were starting to set to the pattern set at the first Interamerican Radio Conference that had been held to encourage Amateur Radio, set up message interchange, and standardize the phone bands.

The RCA Iconoscope was being offered for Amateur TV (Oh Happy Day) and at the convention held here in 1940 a Amateur TV set was to be displayed.

Harry Miller W9AB was SCM and reporting the activities of the gang in Indiana.

Thats it for this time, see you next month.

\*\*\*\*\*

Val Thompson, W9IGP has a new GSB-1 Technical Materials SSB adaptor.

\*\*\*\*\*

The Indiana Side Band Net will soon be one year old, with a busy and growing twelve months of service and enjoyment under its diaper. This net meets every night of the year on 3920 kc. at 19:30 E.S.T.

They are able through their connections with other interstate nets to handle most traffic. One requirement is made of all stations calling into the net, and that is to zero beat the Net Control Station frequency very carefully. Now that you have the time and frequency, drop in on the gang some night and join in on the business of getting the word from here to there.

(Ed.) The S.S.B. gang held their second annual dinner on the 14th of November, and we will report the details next time around, providing our reporter was able to understand the language.)

\*\*\*\*\*

#### FCC EXTRA ADVANCED LICENSE

A surprising and welcome amount of interest has been shown in response to the FCC announcement that they would welcome opinions on what could be done to induce more operators to obtain the Extra Advanced Ticket.

The majority of published suggestions seem to want two letter calls or some means of identification. One brave soul came up with a completely new approach-to require reexamination every 5 years, except to holders of Extra Advanced. (and we have been worrying about the crowded conditions on the bands. Ed.) Would you object to taking a examination every 5 years??? Why??? Here is your chance to have your say on how you think on this matter.

\*\*\*\*\*

#### WHAT'S COOKIN IN INDIANA HAM CIRCLES

If you find that you just can't seem to keep up on who is doing what in Indiana, and you can't find time to set in on all the rag-chews, don't dispare, get your subscription in for the BISON. At a buck and a quarter a year you can't go wrong. Your local contact is Doris, K9IXD, who will set you up in business real quick. If you don't know Doris, just call FL 7 1596 and ask for Butch. If a man answers, don't hang up, as Cliff the OM will see that your subscription is taken care of.

Last month we showed you the schematic for a simple field strength meter to help answer the question, "How am I getting out?"

This simple untuned field strength meter may be loosely coupled to the transmitter to indicate maximum output which in turn is related to proper tuning of the various stages. If it is used several wavelengths from an antenna it will also indicate relative field strength.

Since there are no tuning adjustments it will indicate on any frequency, so it is necessary to be sure that you are tuning to the right frequency, for this instrument will indicate maximum output regardless of the frequency.

In order to control sensitivity, the pick-up rods may be made longer or shorter as required. Sensitivity increases with an increase in frequency due to the natural high resonant frequency of the rods.

Next month we will add a tuned circuit to our field strength meter to make it become a simple wavemeter or frequency meter.

\*\*\*\*\*

HAM ADS

FOR SALE: 20M Hi-Lite 3 Element Beam, Prop  
Pitch Motor Wi. Trans., 2 selyson  
indicators wi. trans., with special  
plug, complete----- \$ 50.00  
Meisner Signal Shifter----- \$ 15.00  
Marvin Mincer, W9HJH  
FL 9 8120

FOR SALE: Gonset Super-Ceiver with Gonset 6  
Converter, Stancor Trans. Wi. 2E26  
Final, Dynamotor Driven at 12 v.----- \$135.00  
Joe Labraico, K900A  
CL 5 7939

FOR SALE  
OR TRADE: Hammarlund HQ-110C--Brand New-With  
Warranty Card-NEVER USED-Cash Price-- \$180.00  
Jack Hofeld, W9VVX  
TI 9 2395

WANTED TO  
BORROW: Heathkit 03 Scope Handbook  
Alvey Pittman, W9JJC

WANTED-A HOME FOR DX-QSL CARDS

We are in receipt of a card from Julian F. Oberg, W9DSO, whose home QTH is Flossmoor, Ill. Julian is a QSL Manager for the ARRL in the "9" call area, which through a long established custom, makes him the custodian of thousands of unclaimed cards. It is no surprise that he has ask Ama-Chewer to inform everyone that he has cards "coming out of his ears" and that he is in bad need of some self-addressed envelopes from the stations in this area, so that he can unload. Sooooo, if you have had some DX over the rig in the past few years, let Julian know who and where you are. Send your self-addressed envelopes-WITH STAMPS- to Julian F. Oberg, W9DSO, 2601 Gordon Drive, Flossmoor, Illinois.

\*\*\*\*\*

ADVERTISING

The response to our advertising program was just about as satisfying as anything you could ask for. Actually we were armed with statistics-logic-tears-samples and a blackjack and never had a chance to use them. The support was just what you would expect when hams get together. We hope their advertising to you in this area is effective. It brings the paper to you--so tell them you "Saw It In the Ama-Chewer" when you use their services.

\*\*\*\*\*

1916 CALL BOOK

A note in the mail from Nobe Watson, W9RUC-now W9WE, who runs the CQ Motel at Kokomo, listed 56 calls of Indianapolis Hams in the 1916 Department of Commerce Call Book. It would seem that QRM is not new after all!!!

\*\*\*\*\*

3RD PARTY TRAFFIC

Before you hook up your patch to let Uncle Louie talk to that friend on Passion Island, let us remind you that only the following countries permit 3rd party traffic with hams in the good old U.S.A.

|            |               |
|------------|---------------|
| CE Chile   | VE Canada     |
| CO Cuba    | TI Costa Rica |
| EL Liberia | YN Nicaragua  |
| HC Ecuador | HP Panama     |
| OA Peru    | XE Mexico     |

To bad the list isn't longer, but that will probably be remedied only when the reciprocal agreements on the issuance of amateur licenses are settled.

\*\*\*\*\*

## GRAHAM'S SPECIAL FOR THE MONTH

New Hallicrafter S-85 Receiver reduced  
from \$119.95----- \$ 95.00  
Used Johnson 6N2 Transmitter----- \$105.00  
Used National NC-98 Receiver----- \$ 82.50  
Used Hallicrafter SX100 Rec'vr, VERY CLEAN-- \$225.00  
Complete used Mobile in EXCELLENT condition  
Elmac AF 67 Trans., CD 6/12 DC 12 Power  
Supply. Gonset Super 12 Converter, Fiber  
Glass antenna with Loading Coil and Chain  
Bumper Mount, Mike, Coax. Relay, Inter-  
connecting Cables, etc.----- \$199.00

\*\*\*\*\*

### 283 MINUS 4 EQUALS ????

Due to limited budget monies (You married folks know about that) the FCC finds that it must maintain its policy of giving Conditional Class licenses to hams living more than 75 miles from an established examining point.

Madison, Wisc. is over 75 miles from Milwaukee which is the closest examining point. A local ham dealer there came up with the idea of ham gear in a package namely you buy your gear here and we will give you your Conditional Exam. It was a pleasure for all with 283 happy ticket holders and a dealer with an inventory of just about zero.

Using his ears both physical and electrical to good advantage our dear uncle sent in a monitoring truck and the crew never heard so much in so many wrong places in their life. So out went the letters from Chicago stating a time and place where examinations would be given. Back came the letters with excuses ranging from "being out of town" to "being extra busy sloppin the hogs." This kinda raised the wig off of uncles head and out go the letters again stating in no uncertain terms send in your ticket or take the exam. in Madison at the time listed.

After quite a struggle all the exams were taken and "Old Unk" totaled up the score to find that he now had 4 hams and 279 TV viewers. The FCC pocket book is kinda small but remember gang it doesn't take much gas to run a truck down here from Chicago.

\*\*\*\*\*

Melvin Martin, K9PQP, is on the air with a Johnson 6N2 Transmitter.  
14

## THE FCC SAYS

The following is from the FCC General Information Bulletin #77504 and it was written as a reply to many requests. After reading it, lets hope they don't decide to have a full scale study, as the line on the paycheck stub that says "Federal Income Tax" will get bigger than the "Net Pay."

The FCC receives frequent inquiries about the "youngest" and "oldest" amateur radio operators.

Such questions cannot be answered exactly because self-styled "hams" hold nearly 200,000 licenses, their records are voluminous and in a constant state of flux, they encompass six classes of operators extending from beginners to old-timers, and, of course, the ages of these license holders never remain static.

However, some indication of the age range of amateurs is shown in the following examples (by no means complete) gleaned from the Commission's records:

Though blind since birth, John M. Fearon qualified for a general class license in 1952 when only seven years old. In that same year, Leonard Ross, of the same age, became a novice licensee.

Not to be outdone, a seven-year-old girl, Sharon L. Perkins, received her novice license the following year. However, in the early days of the FCC, another girl, Jean Hudson, passed the then required operator test at the age of eight. In 1956 still another girl, Elizabeth A. Deck, obtained a technician class license at the age of nine. Ten-year-old Jane Bieberman became a ham in 1948.

Eleven-year-olds were further represented when Thomas B. Davis and Lynch Morgan passed examinations in 1950 and 1952, respectively.

Teen-agers who have qualified for the amateur ranks are too numerous to mention.

\*\*\*\*\*

George Phillips, W9EMK has purchased a new Hallicrafter SX-101 Mark III A, Receiver.

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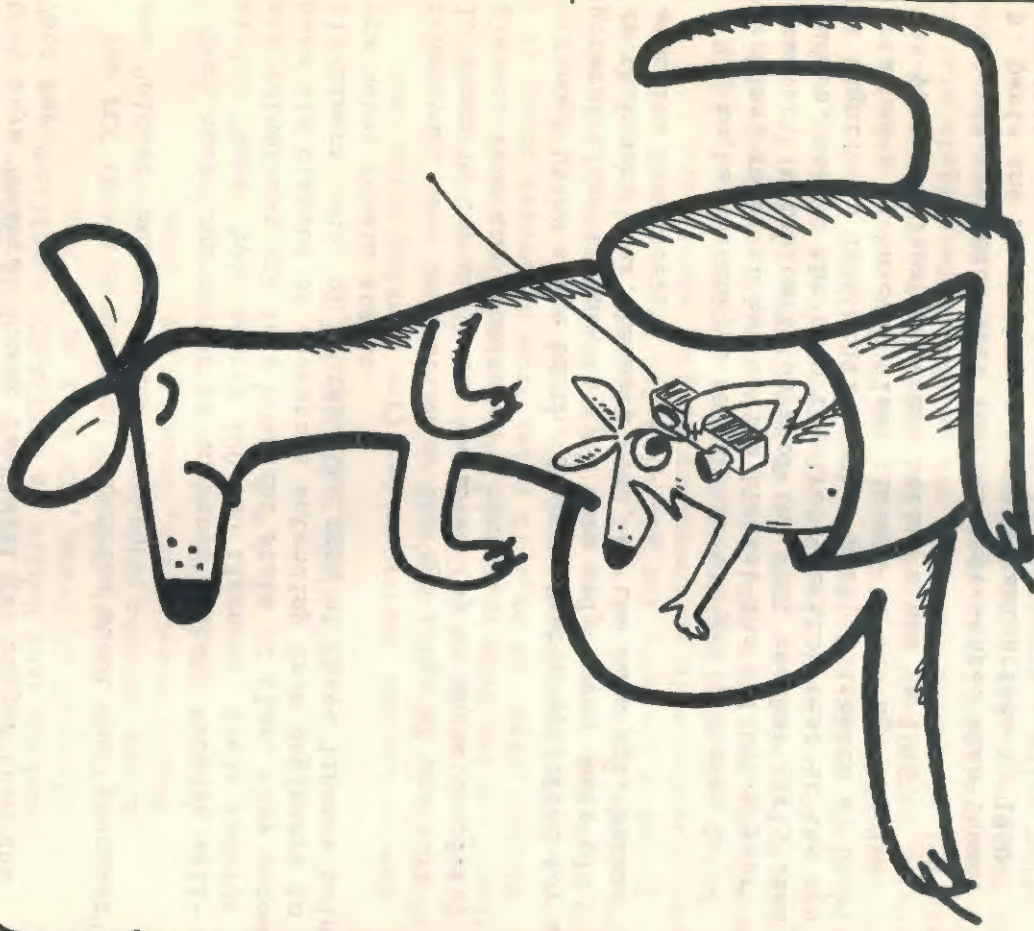
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